

Product datasheet for TP314849M

RNase L (RNASEL) (NM_021133) Human Recombinant Protein

Product data:

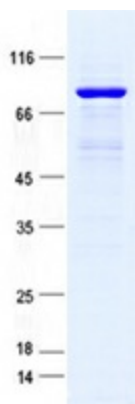
Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human ribonuclease L (2',5'-oligoadenylate synthetase-dependent) (RNASEL), full length, with C-terminal MYC/DDK tag, expressed in HEK293 cells, 100 µg
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	>RC214849 representing NM_021133 Red=Cloning site Green=Tags(s)
	<p>MESRDHNNPQEGPTSSSGRRAAVEDNHLLIKAVQNEVDLVQQLLEGGANVNFQEEEGGWTPLHNAVQMS REDIVELLRRHGADPVLRRKNGATPFILAAIAGSVKLLKFLSKGADVNECDFYGFATFMEAAVYGKVK LKFLYKRGANVNLRRKTKEDQERLRKGGATALMDAAEKGHVEVLKILLDEMADVNACDNMGRNALIHAL LSSDDSDVEAITHLLLDHGADVNRGERGKTPLILAVEKKHLGLVQRLLEQEHIEINDTSDGKTALLLA VELKLLKIAELLCKRGASTDCGDLVMTARRNYDHSLVKVLSSHGAKEDFHPPAEDWKPQSSHWGAALKDL HRIYRPMIGKLFKFFIDEKYKIADTSEGGIYLGFEYKQEVAVKTFCEGSPRAQREVSCLQSSRENSHLVTF YGSESHRGHLFVCVTLCEQTLEACLDVHRGEDVENEDEFARNVLSIFKAVQELHLSGTYHQDLQPQN ILIDSKAAHLADFDSIKWAGDPQEVKRDLEDLGRVLVYVVKKGSISFEDLKAQSNEEVQVQLSPDEETK DLIHRFLFHPGEHVRDCLSDLLGHPFFWTWESRYRTLNRVGNESDIKTRKSEILRLLQPGPSEHSKSF KWTTKINECVMKMKMNFYKRGNFYQNTVGDLLKFIKIRNLGEHIDEKHKMKMLKIGDPSLYFQKTFPDLV IYVYTKLQNTYRKHFQTHSPNKPQCDGAGGASGLASPGC</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	83.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_066956
Locus ID:	6041
UniProt ID:	Q05823
RefSeq Size:	4258
Cytogenetics:	1q25.3
RefSeq ORF:	2223
Synonyms:	PRCA1; RNS4
Summary:	This gene encodes a component of the interferon-regulated 2-5A system that functions in the antiviral and antiproliferative roles of interferons. Mutations in this gene have been associated with predisposition to prostate cancer and this gene is a candidate for the hereditary prostate cancer 1 (HPC1) allele. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome, Protein Kinase

Product images:



Coomassie blue staining of purified RNASEL protein (Cat# [TP314849]). The protein was produced from HEK293T cells transfected with RNASEL cDNA clone (Cat# [RC214849]) using MegaTran 2.0 (Cat# [TT210002]).